Abbreviations/Acronyms

2D	two **d**imensional
3D	three **d**imensional
3G	third **g**eneration

A

AAR	**A**ssociation of **A**merican **R**ailroads
AFSK	**A**udio **F**requency **S**hift **K**eying
AGILE	**A**dvanced **G**eneration of **I**nteroperability for **L**aw **E**nforcement
ANS	**A**merican **N**ational **S**tandard
ANSI	**A**merican **N**ational **S**tandards **I**nstitute
APCO	**A**ssociation of **P**ublic-Safety **C**ommunications **O**fficials
APD	**A**mplitude **P**robability **D**istribution
APM	**A**dvanced **P**ropagation **M**odel
AQMS	**A**udio **Q**uality **M**easurement **S**ystem
ASC	**A**verage **S**ignal **C**apacity
ASCII	**A**merican **S**tandard **C**ode for **I**nformation **I**nterchange
ATB	**a**ntenna **t**est**b**ed
ATIS	**A**lliance for **T**elecommunications **I**ndustry **S**olutions
ATM	**A**synchronous **T**ransfer **M**ode
AUGNET	**A**d hoc **U**AV and **G**round **Net**working

B

BAWT	**B**roadband **A**rbitrary **W**aveform **T**ransmitter
BPL	**B**roadband over **P**ower **L**ine
BWCF	**B**andwidth **C**orrection **F**actor

C

CD	**c**ompact **d**isk
CDA	**C**ode **D**omain **A**nalyzer
CEA	**C**onsumer **E**lectronics **A**ssociation
CIF	**C**ommon **I**ntermediate **F**ormat
CIP	**C**ritical **I**nfrastructure **P**rotection
CommTech	**Comm**unications **Tech**nology
CONUS	**Con**tinental **U.S.**
COPS	Office of **C**ommunity **O**riented **P**olicing **S**ervice
CRADA	**C**ooperative **R**esearch **a**nd **D**evelopment **A**greement
CRPL	**C**entral **R**adio **P**ropagation **L**aboratory
CRT	**c**athode **r**ay **t**ube
CSPM	**C**ommunication **S**ystem **P**erformance **M**odel
CSPT	**C**ommunication **S**ystem **P**lanning **T**ool
CW	**c**ontinuous **w**ave

D

DAQ	**D**elivered **A**udio **Q**uality
dB	**d**eci**b**el
DC	**d**irect **c**urrent
DFS	**D**ynamic **F**requency **S**election
DGPS	**D**ifferential **GPS**
DHS	**D**epartment of **H**omeland **S**ecurity
DLL	**D**ynamic **L**ink **L**ibrary
DOC	**D**epartment **o**f **C**ommerce
DOD	**D**epartment **o**f **D**efense
DOJ	**D**epartment **o**f **J**ustice
DNR	**D**raft **N**ew **R**ecommendation
DSCP	**D**igital **S**ampling **C**hannel **P**robe
DS-UWB	**D**irect-**S**equence **U**ltra**wide**b**and**
DT&E	**D**evelopmental **T**esting and **E**valuation
DTV	**d**igital **t**elevision

E

EAS	**E**mergency **A**lert **S**ystem
EIA	**E**lectrical **I**ndustries **A**ssociation
EMC	**e**lectro**m**agnetic **c**ompatibility
EMOS	**E**stimated **M**ean **O**pinion **S**core
EMS	**E**mergency **M**edical **S**ervices
ESSA	**E**nvironmental **S**cience **S**ervices **A**dministration
ETS	**E**mergency **T**elecommunications **S**ervice
EVA	**E**valuation License **A**greement

F

FAA	**F**ederal **A**viation **A**dministration
FCC	**F**ederal **C**ommunications **C**ommission
FED	**Fed**eral
FLEWUG	**F**ederal **L**aw **E**nforcement **W**ireless **U**sers' **G**roup
FM	**f**requency **m**odulation
FPIC	**F**ederal **P**artnership for **I**nteroperability **C**ommunications
FQT	**F**ormal **Q**ualification **T**est
FR-TV	**F**ull **R**eference **Tel**e**v**ision
FSK	**F**requency **S**hift **K**eying
FTTA	**F**ederal **T**echnology **T**ransfer **A**ct
FY	**F**iscal **Y**ear

G

G3GRA	**R**adio **A**spects of **G**SM/**3G** and Beyond
GB	**g**iga**b**yte
GCC	**G**roup **C**ommunications **C**enter
GETS	**G**overnment **E**mergency **T**elecommunications **S**ervice
GHz	**g**iga**h**ert**z**
GIF	**G**raphics **I**nterchange **F**ormat
GIS	**G**eographic **I**nformation **S**ystem
GJXDM	**G**lobal **J**ustice **X**ML **D**ata **M**odel
GLOBE	**G**lobal **L**and **O**ne-km **B**ase **E**levation
GMF	**G**overnment **M**aster **F**ile
GPRS	**G**eneral **P**acket **R**adio **S**ervice
GPS	**G**lobal **P**ositioning **S**ystem
GSM	**G**lobal **S**ystem for **M**obile
GUI	**G**raphical **U**ser **I**nterface
GWSSUS	**G**aussian **W**ide **S**ense **S**tationary **U**ncorrelated **S**cattering

H

HATS	**H**ead **a**nd **T**orso **S**imulators
HD	**h**igh **d**efinition
HDTV	**H**igh **D**efinition **Tel**e**v**ision
HF	**h**igh **f**requency
HTML	**H**yper**t**ext **M**arkup **L**anguage
HTTP	**H**yper**t**ext **T**ransfer **P**rotocol

I

IEEE	**I**nstitute of **E**lectrical and **E**lectronics **E**ngineers
IETF	**I**nternet **E**ngineering **T**ask **F**orce
IF	**i**ntermediate **f**requency
INFOSEC	**Inf**ormation System **Sec**urity
IP	**I**nternet **P**rotocol
IPG	**I**ntersessional **P**lanning **G**roup
IPPTG	**I**nteroperability **P**rocess and **P**rocedures **T**ask **G**roup
IRAC	**I**nterdepartment **R**adio **A**dvisory **C**ommittee
IRL	**I**nteroperability **R**esearch **L**aboratory
ISART	**I**nternational **S**ymposium on **A**dvanced **R**adio **T**echnologies
ISM	**I**ndustrial, **S**cientific, and **M**edical
ISSI	**I**nter-rf **Sub**s**y**stem **I**nterface
IT	**I**nformation **T**echnology
ITM	**I**rregular **T**errain **M**odel
ITS	**I**nstitute for **T**elecommunication **S**ciences
ITSA	**I**nstitute for **T**elecommunication **S**ciences and **A**eronomy
ITU	**I**nternational **T**elecommunication **U**nion
ITU-R	**I**nternational **T**elecommunication **U**nion — **R**adiocommunication Sector
ITU-T	**I**nternational **T**elecommunication **U**nion — **T**elecommunication Standardization Sector

J

JRG	**J**oint **R**apporteur **G**roup
JWN	**J**ustice **W**ireless **N**etwork

K

kbps	**k**ilo**b**its **p**er **s**econd
kHz	**k**ilo**h**ert**z**

L

LAN	**L**ocal **A**rea **N**etwork
LCD	**L**iquid **C**rystal **D**isplay
LMDS	**L**ocal **M**ultipoint **D**istribution **S**ervice
LMR	**L**and **M**obile **R**adio
LOS	**l**ine **o**f **s**ight

M

MB-OFDM	**M**ulti-**B**and **O**rthogonal **F**requency-**D**ivision **M**ultiplexing
Mb/s, Mbps	**m**ega**b**its **p**er **s**econd
MDC	**M**ulti-**D**escriptive **C**oding
MHz	**m**ega**h**er**z**
MIMO	**M**ultiple **I**nput **M**ultiple **O**utput
MM	**m**ulti**m**edia
MMQA	**M**ulti**m**edia **Q**uality **A**ssessment
MPLS	**M**ulti**p**rotocol **L**abel **S**witching
MSTV	Association for **M**aximum **S**ervice **Tel**e**v**ision

N

NASTD	**N**ational **A**ssociation of **S**tate **T**elecommunications **D**irectors
NCS	**N**ational **C**ommunications **S**ystem
NDRS	**N**ational **D**istress and **R**esponse **S**ystem
NGN	**N**ext **G**eneration **N**etwork
NI	**N**ational **I**nstruments
NIJ	**N**ational **I**nstitute of **J**ustice
NIST	**N**ational **I**nstitute of **S**tandards and **T**echnology
NOAA	**N**ational **O**ceanic and **A**tmospheric **A**dministration
NORAD	**Nor**th American **A**erospace **D**efense Command
NRL	**N**aval **R**esearch **L**aboratory
NRSSC	**N**etwork **R**eliability and **S**ecurity **Sub**committee
NS/EP	**N**ational **S**ecurity and **E**mergency **P**reparedness
NTIA	**N**ational **T**elecommunications and **I**nformation **A**dministration
NWR	**N**OAA **W**eather **R**adio
NWS	**N**ational **W**eather **S**ervice

O

OAM	**O**peration, **A**dministration and **M**aintenance
OFDM	**O**rthogonal **F**requency-**D**ivision **M**ultiplexing
OLES	**O**ffice of **L**aw **E**nforcement **S**tandards
OMB	**O**ffice of **M**anagement and **B**udget
OQPSK	**O**ffset **Q**uadrature **P**hase-**S**hift **K**eying
OSM	**O**ffice of **S**pectrum **M**anagement
OT	**O**ffice of **T**elecommunications
OTN	**O**ptical **T**ransport **N**etwork
OTP	**O**ffice of **T**elecommunications **P**olicy

P

P25	**P**roject **25**
PBS	**P**ublic **B**roadcasting **S**ystem
PC	**p**ersonal **c**omputer
PCS	**P**ersonal **C**ommunications **S**ervices
PDD	**P**residential **D**ecision **D**irective
PDNR	**P**reliminary **D**raft **N**ew **R**ecommendation
PESQ	**P**erceptual **E**valuation of **S**peech **Q**uality
PLMN	**P**ublic **L**and **M**obile **N**etwork
PRF	**P**ulse **R**epetition **F**requency
PRQC	Network **P**erformance, **R**eliability and **Q**uality of Service **C**ommittee
PSTN	**P**ublic **S**witched **T**elephone **N**etwork
PSWAC	**P**ublic **S**afety **W**ireless **A**dvisory **C**ommittee
PSWN	**P**ublic **S**afety **W**ireless **N**etwork

Q

QoS	**Q**uality **o**f **S**ervice
QPSK	**Q**uadrature **P**hase-**S**hift **K**eying

R

R&D	**r**esearch and **d**evelopment
RCG	**R**adar **C**orrespondence **G**roup
RF	**r**adio **f**requency
RFID	**R**adio **F**requency **Id**entification
RFSS	**R**adio **F**requency **Subs**ystem
RLAN	**R**adio **L**ocal **A**rea **N**etwork
RNSS	**R**adio**n**avigation **S**atellite **S**ervice
RRC	**R**egional **R**adio **C**onference
RSEC	**R**adar **S**pectrum **E**ngineering **C**riteria
RSMS	**R**adio **S**pectrum **M**easurement **S**ystem
RSMS-4	**4**th Generation **RSMS**

S

SAFECOM	Public **Safe**ty Wireless **Com**munications
SAME	**S**pecific **A**rea **M**essage **E**ncoding
SC	**S**ignal **C**apacity
SD	**S**tandard **D**efinition
SDMA	**S**pace **D**ivision **M**ultiple **A**ccess
SDTV	**S**tandard **D**efinition **Tel**e**v**ision
SG	**S**tudy **G**roup
SIP	**S**ession **I**nitiation **P**rotocol
SIPRNET	**S**ecret **I**nternet **P**rotocol **R**outable **Net**work
SIT	**S**ystem **I**ntegration **T**est
SNMP	**S**imple **N**etwork **M**anagement **P**rotocol
SONET	**S**ynchronous **O**ptical **Net**work
SOR	**S**tatement **o**f **R**equirements
STG	**S**ystems **T**ask **G**roup
SUT	**S**ystem **U**nder **T**est

T

T&E	**t**est and **e**valuation
TA Services	**T**elecommunications **A**nalysis **Services**
TAP	**T**raditional **A**pproval **P**rocess
TG	**T**ask **G**roup
TIA	**T**elecommunications **I**ndustry **A**ssociation
TIREM	**T**errain **I**ntegrated **R**ough **E**arth **M**odel
TR	**T**echnical **R**eport
TSB	**T**elecommunications **S**ystems **B**ulletin

U

UAV	**u**nmanned **a**erial **v**ehicle
UHF	**u**ltra **h**igh **f**requency
UNIX	**uni**ple**x**ed information and computing service
UNS	**U**ser **N**eeds **S**ubcommittee
URL	**U**niform **R**esource **L**ocator
URSI	**I**nternational **U**nion of **R**adio **S**cience
US	**U**nited **S**tates
USCG	**U.S. C**oast **G**uard
USGS	**U.S. G**eological **S**urvey
UWB	**u**ltra**w**ide**b**and

V

VHF	**v**ery **h**igh **f**requency
VoIP	**V**oice **o**ver **I**nternet **P**rotocol
VPN	**V**irtual **P**rivate **N**etwork
VQEG	**V**ideo **Q**uality **E**xperts **G**roup
VQM	**V**ideo **Q**uality **M**easurement
VSA	**v**ector **s**ignal **a**nalyzer

W

WCTF	**W**ireless **C**ommunications **T**ask **F**orce
Wi-Fi	**Wi**reless **Fi**delity
WLAN	**W**ireless **LAN**
WMO	**W**ireless **M**anagement **O**ffice
WNRC	**W**ireless **N**etworks **R**esearch **C**enter
WP	**W**orking **P**arty
WPAN	**W**ireless **P**ersonal **A**rea **N**etwork
WTSA	**W**orld **T**elecommunication **S**tandardization **A**ssembly

X

XML	E**x**tensible **M**arkup **L**anguage